

**PLUG:** RM252-020-311-2900  
**RECEPTACLE:** RM242-020-581-5900  
 XXXXX-XXX-XXX-XXXXXX

**PLUG**

**RECEPTACLE**

**SERIES**

RM .075" Screw Machine PC Connector | RM .075" Screw Machine PC Connector

**BODY**

2 2-Row | 2 2-Row

**BODY STYLE:**  
 5 Plug, right angle, with mounting ears | 2 Receptacle, straight, with mounting ears  
 7 Plug, right angle, without mounting ears | 4 Receptacle, straight, without mounting ears

**BODY MATERIAL:**  
 2 Polyphenylene sulfide (PPS) | 2 Polyphenylene sulfide (PPS)

**SIZE**

010, 020, 030, 040, 050, 060, 070, 080, 090, 100 | 010, 020, 030, 040, 050, 060, 070, 080, 090, 100

**CONTACTS**

**TYPE CONTACTS/TERMINATIONS:**  
 31 Pin, right angle, dip solder, .109" x .020" dia | 00 Contacts not supplied  
 32 Pin, right angle, dip solder, .140" x .020" dia | 57 Socket, straight, crimp removable (20-22 AWG)\*  
 33 Pin, right angle, dip solder, .172" x .020" dia | 58 Socket, straight, crimp removable (24-26 AWG)\*  
 34 Pin, right angle, dip solder, .109" x .016" dia | 59 Socket, straight, crimp removable (28-30 AWG)\*  
 35 Pin, right angle, dip solder, .140" x .016" dia  
 36 Pin, right angle, dip solder, .172" x .016" dia  
 37 Pin, right angle, dip solder, .250" x .020" dia

**PLATING OPTIONS:**  
 1 Gold plated termination | 0 No plating (use with Contact Option "00" only)  
 2 Pre-tinned termination, SnPb alloy  | 1 Gold plated termination  
 3 Pre-tinned termination, SAC305 alloy

**HARDWARE**

**STYLE OF HARDWARE:**  
 (See R-41 & R-42 for all options)  
 0256 None | 0256 None  
 55 Guide set | 55 Guide set  
 57 Two guide pins | 57 Two guide pins  
 58 Two guide sockets | 58 Two guide sockets  
 29 Fixed jackset | 29 Fixed jackset  
 30 Fixed jackset, reversed | 30 Fixed jackset, reversed  
 19 Two fixed jackscrews | 19 Two fixed jackscrews  
 20 Two fixed jacksockets | 20 Two fixed jacksockets  
 59 Hex turning jackset, .200" knob | 59 Hex turning jackset, .200" knob  
 60 Hex turning jackset, reversed, .200" knob | 60 Hex turning jackset, reversed, .200" knob  
 61 Two hex turning jackscrews, .200" knob | 61 Two hex turning jackscrews, .200" knob  
 62 Two hex turning jacksockets, .200" knob | 62 Two hex turning jacksockets, .200" knob  
 64 Turning jackset, .490" knob | 64 Turning jackset, .490" knob  
 65 Turning jackset, reversed, .490" knob | 65 Turning jackset, reversed, .490" knob  
 66 Two turning jackscrews, .490" knob | 66 Two turning jackscrews, .490" knob  
 67 Two turning jacksockets, .490" knob | 67 Two turning jacksockets, .490" knob

**POLARIZATION:**  
 00 None | 00 None  
 01 thru 68 are special identifiers, see R-38 | 01 thru 68 are special identifiers, see R-38  
 70 Same configuration as 01 without Loctite® | 70 Same configuration as 01 without Loctite®  
 (To be keyed by customer) | (To be keyed by customer)

**OPTIONS**

BN Bond #1-72, sm. pattern hex nuts into mtg. ears |

\* Full compliment of crimp removable sockets packaged with connectors  
 1. Crimp tool - AirBorn part number: CDG4601, Mil Spec number M22520/2-01  
 2. Crimp positioner - AirBorn part number: CDG4602 (24-26 AWG and 28-30 AWG); CDG4603 (20-22 AWG)  
 3. Crimp removal tool - AirBorn part number: CDG8161 (All AWGs)  
 4. Crimp contact part number on previous page.

= Option not RoHS compliant

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